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DATE: November 14, 2006

TO: Examiner Sujoy K. Kundu

COMPANY OR FIRM: PTO

FACSIMILE NO.: (571) 273-8300

FROM: Beth Pearson-Naul for Kaushik P. Sriram

RE: Serial No.: 10/801,267  
Docket No.: 584-37008-USCP  
Title: "Method and Apparatus for Chemometric Estimations of Fluid Density, Viscosity, Dielectric Constant, and Resistivity from Mechanical Resonator Data"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 10

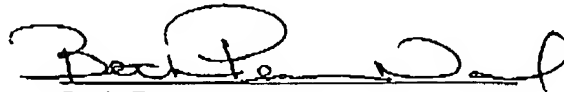
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Attached herewith for filing is the Response to Office Action Dated August 18, 2006 for the above-referenced patent application.

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Beth Pearson-Naul

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Beth Pearson-Naul

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Applicant:</b> DiFoggio et al.	§	<b>Group Art Unit:</b> 2863
	§	
<b>Serial No.:</b> 10/801,267	§	<b>Examiner:</b> Sujoy K. Kundu
	§	
<b>Filed:</b> March 16, 2004	§	<b>Confirmation No.</b> 4720
	§	
<b>Title:</b> Method And Apparatus For	§	<b>Atty. Docket:</b> 584-37008-USCP
<b>Chemometric Estimations Of Fluid</b>	§	
<b>Density, Viscosity, Dielectric Constant,</b>	§	
<b>And Resistivity From Mechanical</b>	§	
<b>Resonator Data</b>	§	

**RESPONSE TO OFFICE ACTION OF 18 AUGUST 2006**

This paper is a response to the office action mailed on 18 August 2006. Please amend the application as indicated below. No claim amendments are being made.

Remarks begin on page 2.